

CLAIMS:

1. A display device comprising an assembly of at least two display panels each display panel having a front surface and a back surface at least parts of the front surfaces in a first position forming a display surface the back surfaces being mechanically coupled to a flexible carrier.

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2. A display device according to claim 1 the flexible carrier belonging to the group comprising foldable carriers, bendable carriers, rollable carriers, stretchable carriers, and extendable carriers.

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3. A display device according to claim 1 the flexible carrier comprising sub-carriers being interconnected via joints.

4. A display device according to claim 1 at least one display panel being slidable with respect to the carrier

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5. A display device according to claim 1 in which in said first position adjacent panels have an overlap, the overlap comprising an interconnecting part for electrical interconnections.

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6. A display device according to claim 5, the flexibility of the carrier accommodating two adjacent panels in an intermediate position to be separated apart over at least the overlap.

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7. A display device according to claim 1 the flexible carrier being zigzag foldable

8. A display device according to claim 7 the flexible carrier being zigzag foldable in one direction the pitch of zigzag in the unfolded position being substantially equal to the dimension of the corresponding panel in said direction.

9. A display device according to claim 7 the flexible carrier being rollable or foldable in a second direction substantially transverse to the one direction.

10. A display device according to claim 9 the flexible carrier being zigzag foldable in the second direction the pitch of zigzag in the unfolded position being substantially equal to the dimension of the corresponding panel in said second direction.

11. A display device according to claim 7 the flexible carrier having a first sub-carrier carrying the display panels at a first front surface and a second sub-carrier, both sub-carriers being zigzag foldable and having the same pitch of the zigzag in a first direction, the sub-carriers being coupled to each other at the area of folding areas of the zigzags.

12. A display device according to claim 11 the second sub-carrier being zigzag foldable in a second direction substantially transverse to the first direction.

13. A display device according to claim 12 the second sub-carrier having connecting tabs at the folding areas of the zigzags.

14. A display device according to claim 13 the connecting tabs extending over at most half the pitch of a zigzag folding in a second direction transverse to the first direction.

15. A flexible carrier for a display device according to claim 7 having a first sub-carrier having a first front surface and a second sub-carrier, both sub-carriers being zigzag foldable and having the same pitch of the zigzag, the sub-carriers being coupled to each other at the area of folding areas of the zigzags.

16. A flexible carrier according to claim 15 the second sub-carrier being zigzag foldable in a second direction substantially transverse to the first direction.

17. A flexible carrier according to claim 15 the second sub-carrier having connecting tabs at the area of the folding areas of the zigzags

18. A flexible carrier according to claim 16 the connecting tabs extending over at most half the pitch of a zigzag folding in a second direction transverse to the first direction.